FIG. 1

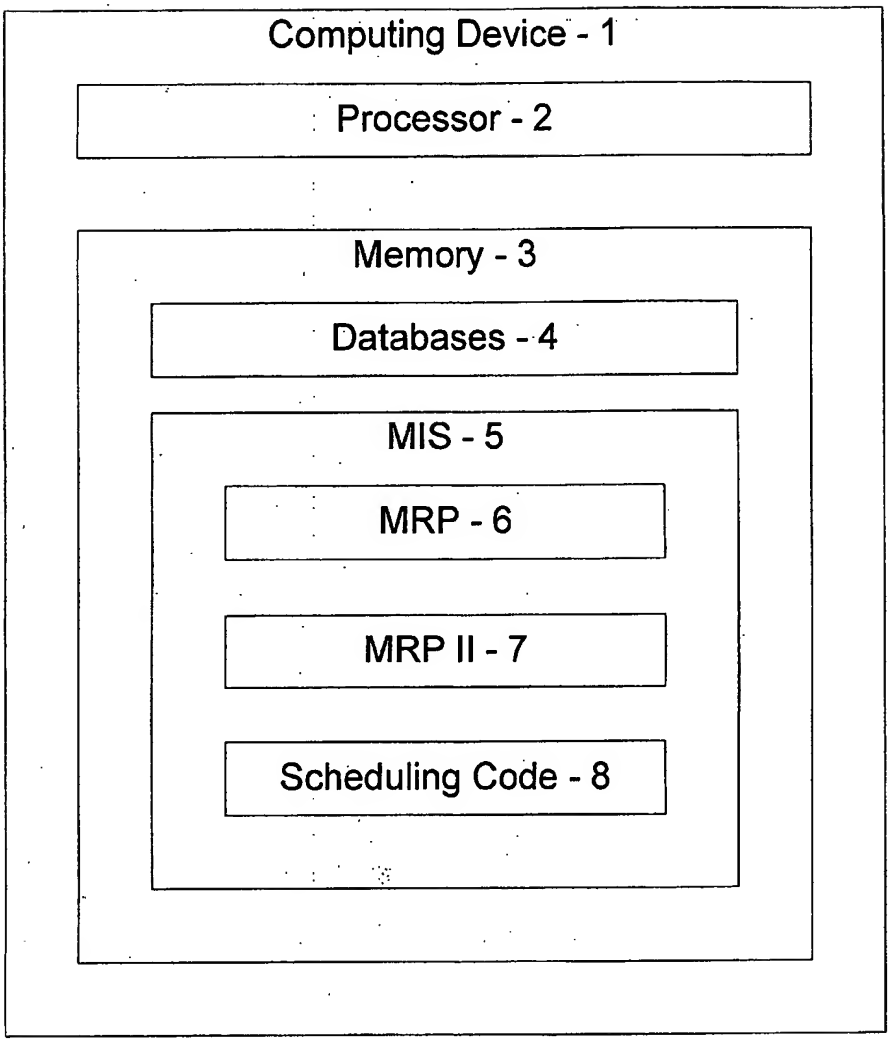

Computing Device - 1
Processor - 2
Memory - 3
Databases - 4
MIS - 5
MRP - 6
MRP II - 7
Scheduling Code - 8

FIG. 2

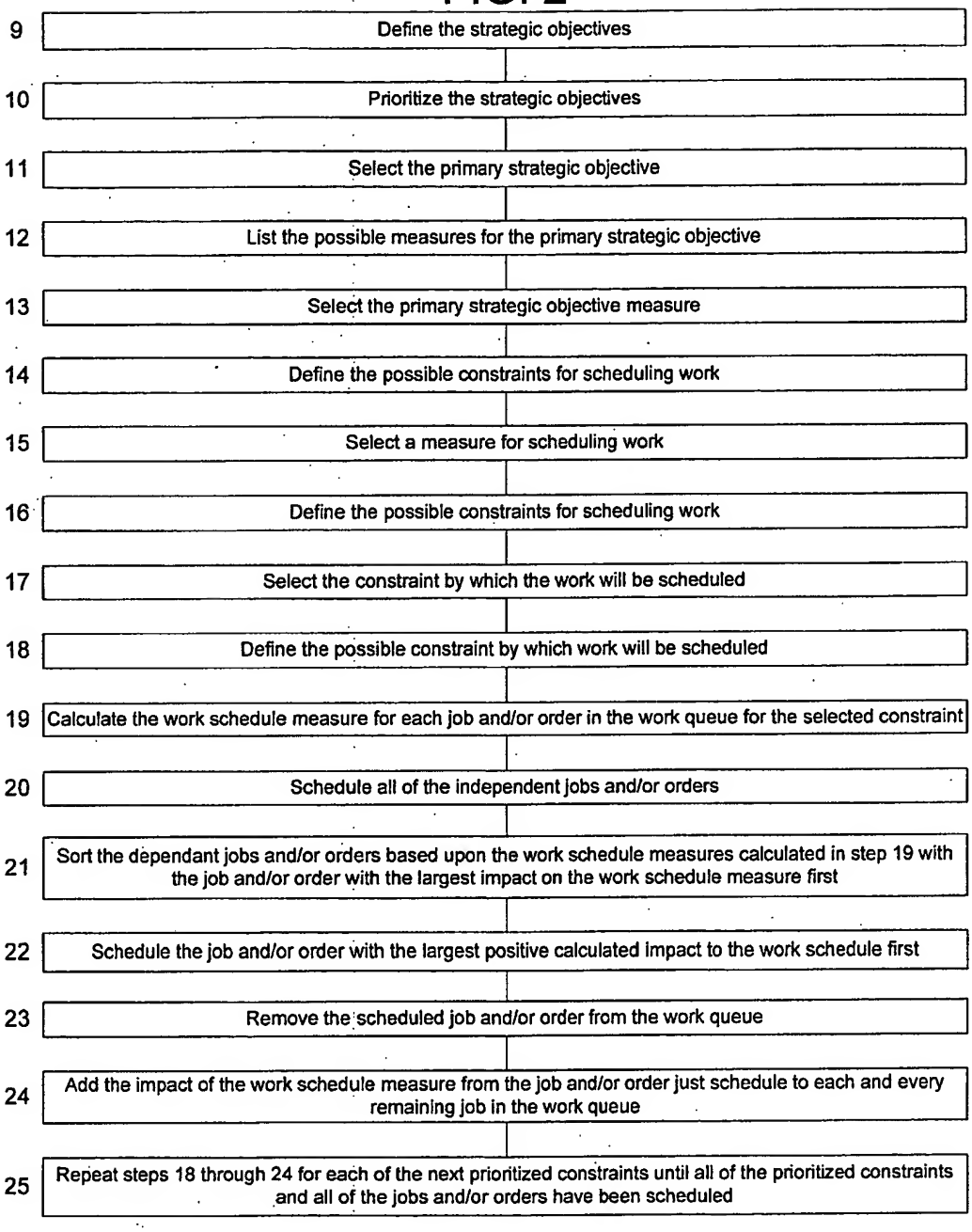
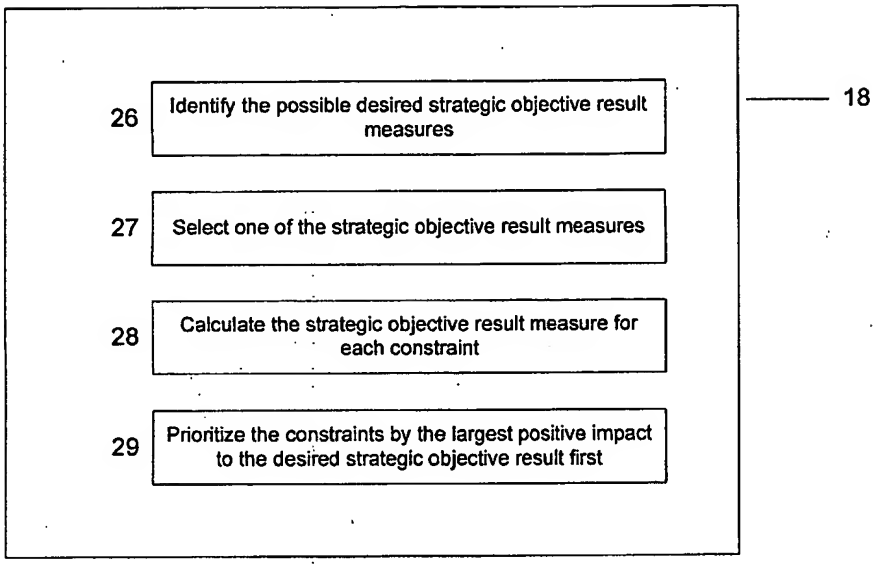

9
Define the strategic objectives
10
Prioritize the strategic objectives
11
Select the primary strategic objective
12
List the possible measures for the primary strategic objective
13
Select the primary strategic objective measure
14
Define the possible constraints for scheduling work
15
Select a measure for scheduling work
16
Define the possible constraints for scheduling work
17
Select the constraint by which the work will be scheduled
18
Define the possible constraint by which work will be scheduled
19
Calculate the work schedule measure for each job and/or order in the work queue for the selected constraint
20
Schedule all of the independent jobs and/or orders
21
Sort the dependant jobs and/or orders based upon the work schedule measures calculated in step 19 with the job and/or order with the largest impact on the work schedule measure first
22
Schedule the job and/or order with the largest positive calculated impact to the work schedule first
23
Remove the scheduled job and/or order from the work queue
24
Add the impact of the work schedule measure from the job and/or order just schedule to each and every remaining job in the work queue
25
Repeat steps 18 through 24 for each of the next prioritized constraints until all of the prioritized constraints and all of the jobs and/or orders have been scheduled

FIG. 3


26
Identify the possible desired strategic objective result measures
27
Select one of the strategic objective result measures
28
Calculate the strategic objective result measure for each constraint
29
Prioritize the constraints by the largest positive impact to the desired strategic objective result first
18